

ABSTRACT

A data player or a method in which a reading and/or writing head is positioned according to anyone of 3 methods or combinations thereof: Calculating a desirable speed curve to position the head from a first to a second position and adjust the speed of the head's movement to the desirable speed, calculating and outputting an amount of energy to a driving mechanism to move the head a determined number of steps, increasing the power applied to a driving mechanism until the head is moved for one step. The positioning may additionally be used to perform coarse positioning while the head is positioned on a track of a data medium using a fine positioning mechanism.